FORM OGC-3

Betlon

STATE OF MISSOURI GEOLOGICAL SURVEY PROGRAM

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

FEB 22 2012

☑ APPLICATION TO	DRILL	☐ DEEPE	N 🗌 PLU	G BACK 📈	FOR AN MIO	weDil 8	8610	CASWINCII	
NAME OF COMPANY OR OPERATOR DATE									
Kansas Resource Exploration and Development, LLC							2012		
ADDRESS			CITY		STATE	AND			
9393 West 110th St., Suite 500 Overland Park KS 66210									
DESCRIPTION OF W	ELL AND	LEASE		WELL NUMBER		LELEVAT	ION (CROUNI	0)	
Belton Unit				AD 11-2					
WELL LOCATION			(GIVE FOOTAG	SE FROM SECTION LINE	S)	1001			
600	ft	from North	South section line		ft. from 🔽 Eas	st \square West	section lin	e	
WELL LOCATION				LATITUDE , 6.1	LONGITUDE, 6.6	COUNTY			
Sec. 9 Township	16 North	Range <u>33</u>	East 🗸 West	N38 49-183	W94 34-HH	Cass			
NEAREST DISTANCE FRO					FEET				
DISTANCE FROM PROPO	SED LOCAT	ION TO NEAREST D	RILLING, COMPLETE	ED OR APPLIED – FO	R WELL ON THE S	SAME LEASE	E 21	FEET	
PROPOSED DEPTH		CONTRACTOR, NAME			ROTARY OR CAE				
700'	Utah C	il, LLC			Rotary		04/08/20	12	
NUMBER OF ACRES IN LEASE	NUMBE	R OF WELLS ON LE	ASE INCLUDING THE	S WELL, COMPLETE	D IN OR DRILLING	TO THIS RI	ESERVOIR	87	
560	1		WELLS ON LEASE C						
IF LEASE PURCHASED W						NO. OF WE	ELLS PROD	DUCING 50	
NAME DE Exploration								ECTION 28	
ADDRESS 4595 Highw		Vellsville, KS 660	92					ACTIVE 8	
								IDONED 0	
STATUS OF BON	1D	SINGLE WEL	-L	☑ BLANK	(ET BOND 0) NT \$ 80,000	۷.	Z ON	FILE FACHED	
DD	OBOSED CA	SING PROGRAM		APPROVE	D CASING TO D	E EU L ED IN	I DV STATE	CEOLOGIST	
AMOUNT	SIZE	WT/FT	CEMENT	AMOUNT	D CASING - TO BI		NT/FT	CEMENT	
	3 5/8"	******	6 sks	20	8 5/8 "		15	1=UII	
	1/2"		125 sks	700'	4 1/2"		~10 Length		
				100			10	7	
I, the Undersigned, stathis report, and that the and complete to the b	is report v	as prepared und	_ of the <u>K.R.E.D</u> der my supervisio	(Company), a n and direction ar	nd that I am au nd that the facts	thorized b	y said con nerein are	mpany to make true, correct,	
E	1					02/18/2	2012		
PERMIT NUMBER					1.0				
037 - 20870 Ø DRILLER'S LOG REQUIRED Ø E-LOGS REQUIRED IF RUN									
APPROVED DATE				IS REQUIRED IF RUN	N DRIL	L SYSTEM 1	EST INFO I	REQUIRED IF RUN	
APPROVED BY	a.	M	SAMPLES REQ SAMPLES NOT WATER SAMPL	REQUIRED					
NOTE THIS	PERMIT	OT TRANSFER	ABLE TO ANY O	THER PERSON	OR TO ANY O	THERLO	CATION		
PPROVAL OF THIS PERM	ALCOHOL STATE							PROPOSED	
VELL NOR ENDORSEMEN						LOGIO WILL			
B. Leech of the Uta council approval of the epresentative.	h Oil (Co	mpany), confirm	that an approved	d drilling permit ha	as been obtaine number and sign	ed by the chature of a	owner of t	his well.	
O 780-0211 (3-11)	5.1	lech				DATE	8/18	117	

RECEIVED

STATE OF MISSOURI MISSOURI DEPARTMENT OF NATURAL RESOURCES GEOLOGICAL SURVEY PROGRAM WELL LOCATION PLAT

FEB 22 2012 FORM OGC-4

Mo Oil & Gas Council

ELE EGGATION					VIII 00	uas cu	ULICII	
OWNER'S NAME	Janmont							
Kansas Resource Exploration & Deve	lopment				LOOUNTY			
Belton Unit AD 11-2					Cass			
WELL LOCATION	(GIVE FOOTAGE FRO	M SECTION L	INES)		Oass			
000	th South from section lin			■ East □ W	last from s	ection line		
WELL LOCATION	in South from section iin	е	_ it. iroin [j ⊑ast ∐ vv	est nom s	ection line		
Sec. 9 Township 46 North Rang	ge ³³ East West							
LATITUDE		LONGITU						
N38 49.103	· · · · · · · · · · · · · · · · · · ·	W94 34	1.111					
N		0	Dection	~ OI				
4		۷.	Jec 10	1, 1				
I								
					65	:/11		
					Jt	17		
				1				
			*					
							- 11	
						21' from t	D-11	
2 1 201 10405						0,	OK	
special project status							AD 11-2	
						AD-I	0	
)-)			4)			\vee	
REMARKS	and anderson at	alv 2	1-9-15			The second second	600 FSL	
AD-11 is to be plu	gger approximat	ely 3.	1-0012				00010	
INSTRUCTIO	INS	This is	to certify the	at I have exe	cuted a si	urvey to accur	ately	
	L		locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.					
On the above plat, show distance of the two nearest section lines, the nearest	liat tile	, results are	concelly sil	O WIT OIT UIT	c above plat.			
nearest well on the same lease comp								
same reservoir. Do not confuse surve	1							
See rule 10 CSR 50-2.030 for survey	requirements. Lease lines							
must be marked.								
REMIT TWO (2) CO	REGISTERED LAND SURVEYOR NUMBER							
GEOLOGICAL SURVEY PO BOX 250, ROLLA, MO 65402								
ONE (1) COPY WILL BE								

MO 780-0213 (6-06)



STATE OF MISSOURI MISSOURI DEPARTMENT OF NATURAL RESOURCES GEOLOGICAL SURVEY PROGRAM

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

[Z] NEW/WELL	TWODE	OVED I						TILLION							
✓ NEW WELL WORKOVER DEEPEN PLUG BACK INJECTION SAME RESERVOIR DIFFERENT RESERVOIR OIL GAS DOWNER							OIL GAS DRY								
Kansas Resource Exploration & Development, LLC					ADDRESS 9393 W. 110th St., Ste #500, Overland Park, KS 66210										
LEASE NAME						WELL NUMBE		i St., Ste #	#OUU,	, Overland	Park, K	S 66210			
Belton Unit							An	n -							
						CK AND SURVE	Υ		-	1	LATITUDE	LONGITUDE			
Sec. 9_ Twp 46 N	lorth, R	ng <u>33</u> [_East ✓	West 0	OR 600	ft. fror	n Nortl	n 🛮 South 🤰	34	ft. from 🗹	East	□West	125 49	'61" W94 34' 6.6"	
COUNTY		PE	ERMIT NUM	BER (OG	C-3 OR OGC-	31)						180	20 //	W1 1077 57 0.0	
Cass 037 - 20870															
DATE SPUDDED DATE TOTAL DEF				1	PRODUCE OR IN.			NJECT FEET			FLANGE		TION OF CASING HD.		
	012		3/13		112	•	4/27/	1/2012 (081)					/081 FEET		
750' PLUG BACK TOTAL DEPTH															
PRODUCING OR INJE	CTION IN	TERVAL(S	(S) FOR THI	S COMPL	ETION			ROTARY TOO	ISI	ISED (INTERV	Δ1 \		LCARIE	TOOLS LISED (INTERVAL)	
540-5			80 -							ISED (INTERVA	AL)		N/A	TOOLS USED (INTERVAL)	
WAS THIS WELL DIRE		LY DRILL	LED?	WAS DIRE	ECTIONAL SU	RVEY M	ADE?	WAS COPY O	F DIF	RECTIONAL SU	JRVEY	FILED?	DATE FILED		
☐ Yes	Z	No		☐ Ye	s [Z No		☐ Yes		 ✓ N	lo		N/A		
TYPE OF ELECTRICAL			S RUN (JUS	T LOGS F	ILED WITH TH	HE STAT	E GEOLOG	IST)					DATE FILED		
Gamma Ray/Ne	utron/C	CL	w. pen on	etuwa.									11/25/2013		
OAGNO (DEDOE		07044			TOPETE)		THE CO. LEWIS CO.	RECORD	My.						
	CASING (REPORT ALL STRINGS SET IN WELL – CONDUCTOR, SURFACE, INTERMEDIATE, PRODUCING, ETC. PURPOSE SIZE HOLE DRILLED SIZE CASING SET WEIGHT (IR ET) DEPTH SET SACKS CEMENT AMOUNT BULLED.														
PURPOSE	SIZE			SIZE	E CASING S	ET	WEIGH					S CEMENT AMOUNT PULLED			
Surface		12 1/4	4"		8 5/8"		2	20# 20'			8 0		0		
Longstring		6 1/2	2"		4 1/2"		10	0.5# 737'		95	9 5 °				
						_			\vdash	13/	_	00			
		TUDI	NG REC	OPD											
SIZE	DEPTH			KER SET	AT SIZ	ZE		TOP		ВОТТОМ		ER RECOR	CEMENT	SCREEN	
2 3/8 INCH	680) FEET	N/A	FF	ET N/	Α ,	INCH	N/A FE	- T	N/A	FEE	NIA		N/A	
建长车的 , 正为			ATION				A PARTY AND			OT, FRAC		The state of the s	T SQU	EEZE RECORD	
NUMBER PER FE	ET	SIZ	ZE AND TY	PE.	DEPTH	H INTER	RVAI			AND KIND				TH INTERVAL	
								N	IATE	RIAL USED				THINTERVAL	
2		3 3/8	3" DP 23	GR.	540-3	70 <	SA -/a/c	60 s	sks,	20/40 sar	nd	-,,	-7	280 410	
			***************************************		374 0		יוש-עוני					590	2-5/	0,580-610	
DATE OF FIRST PROD	DUCTION	OR INJEC	CTION	200	ODLIGING ME			ODUCTION							
	312	OK INJEC	CHON	100	mping	THOD (II	NDICATE	FLOWING, GAS	S LIF	I, OR PUMPIN	G - IF	PUMPING, SHO	W SIZE AN	ND TYPE OF PUMP.)	
DATE OF TEST	HOURS	TESTED	CHOKE		OIL PRODUCI	ED DURI	ING	GAS PRODUCE	D DI	URING TEST	WAT	ER PRODUCEI	DURING	OIL GRAVITY	
11/20/2012	24		N/A		TEST			О мся			TES 5	Т			
TÜBING PRESSURE	I CASI	NG PRES	SUIDE I	CALCIII	ATED RATE O	BBL	s '	OIL		GAS			LS	GAS OIL RATIO	
0	0	NO I NEO	JOOKE		CTION PER 24		s	100		1	WATER		and the second s		
		WUETUE	BVENTED	(O			D BBLS 0 MCF 5 BBLS			BBLS		0			
DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD) Vented															
METHOD OF DISPOSAL OF MUD PIT CONTENTS															
Chief Operating Officer 649 Operating LtC															
	CERTIFICATE: I, the Undersigned, state that I am the of the (Company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true,														
correct and con	nplete	to the t	best of m	ny knov	wledge.	a uniue	iny su	pei violuli al	iu C	an couldin at	iu til	at trie lacts	SIGIEU	uncrem are due,	
DATE		SIGNATI	URE	,							-				
11/25/2013			FK												

INSTRUCTIONS: Attach drillers log or other acceptable log of well.

Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

11. 基法型而产责员		DETA	IL OF FORMATIONS PENETRATED
FORMATION	TOP	воттом	DESCRIPTION (SEE * ABOVE)
See Attached Logs			
Logs			
II.		1	
			2
		-	
MO 780-0215 (8-06)			

WEITON UNIT AD HIZ

Thickness of Strata	Formation	Total
16	soil & clay	16
32	lime	48
29	shale	77
10	lime	87
19	shale	106
6	lime	112
16	shale	128
2	lime	130
15	shale	145
. 5	lime	150
22	shale	172
4	lime	176
3	shale	179
26	lime	205
6	shale	211
17	lime	228
11	shale	239
6	lime	245 Pawnee Limestons
179	shale	424 Lapette Share
4	lime	428 Higginsulle Lime
8	shale	436
1	coal	437 Summit Coal 436-437
5	shale	442
11	lime	453 Blackjack Creek Limestone
9	grey sand	462
34	shale	496 mulky Coal 477-487
29	grey sand	525 Top Squirnel Sandstone
3	brown sand	528 lite oil show
1	broken sand	529
2	silty shale	531
0.5	oil sand	531.5
4	silty shale	535.5
0.5	broken sand	536
2	silty shale	538
2	broken sand	540
1.5	lime	541.5
4.5	oil sand	546
17	shale	563

Belton Unit #AB11-2		Page 2
4 1 1 3 1 4 3 2 3 6 3.5 9.5 2 2 4 1 9 7	oil sand lime oil sand lime oil sand broken sand oil sand broken sand oil sand lime silty shale broken sand lime shale	567 568 569 570 573 574 578 581 583 586 592 595.5 lite oil show 605 607 609 613 614 623 Base Squirm! Sandstone 630 verdigris im. 750 TD Oakley Shale
D.::: 1		

Drilled a 12 1/4" hole to 20' Drilled a 6 1/2" hole to 750'

Set 20' of 8 5/8" surface casing cemented with 6 sacks of cement.

Cored from 529' to 648'

